

Chief Secretary's Office, Adelaide, December 1st, 1891.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.
J. C. BRAY, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of October, 1886-1891.

| Years | 1886. | 1887. | 1888. | 1889. | 1890. | Average of Five Years. | 1891. | | | | | | | | | | | | Total for 1891. |
|--|---------|---------|---------|---------|---------|------------------------|-----------|---------------|----------------|-----------------|------------------|------------------|------------------|-----------------|-------------|----------------|------------------------------|-------|-----------------|
| *Population, Oct. 1 | 302,772 | 306,468 | 305,421 | 309,171 | 312,656 | — | 318,049 | | | | | | | | | | | | 9,011 |
| Births.... | 912 | 832 | 898 | 814 | 884 | 868 | 886 | | | | | | | | | | | | 9,011 |
| Rate per cent. .. | ·301 | ·271 | ·294 | ·263 | ·283 | — | ·279 | | | | | | | | | | | | — |
| <i>Deaths—</i> | | | | | | | All Ages. | Under 1 year. | 1 and under 5. | 5 and under 20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 and upwards. | Not stated. | Inquest cases. | Uncertified causes of Death. | | |
| All causes | 255 | 246 | 274 | 237 | 303 | 263 | 324 | 55 | 34 | 25 | 53 | 59 | 74 | 24 | — | 44 | 21 | 3,265 | |
| Rate per cent. | ·084 | ·080 | ·090 | ·077 | ·097 | — | ·102 | — | — | — | — | — | — | — | — | — | — | — | |
| <i>Diseases—</i> | | | | | | | | | | | | | | | | | | | |
| I. Specific Febrile or Zymotic .. | 29 | 16 | 26 | 13 | 49 | — | 47 | 5 | 9 | 4 | 10 | 7 | 10 | 2 | — | — | — | | |
| II. Parasitic | 2 | 3 | 1 | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| III. Dietic | 1 | 2 | — | 1 | — | — | 3 | 1 | — | — | 1 | — | 1 | — | — | — | — | | |
| IV. Constitutional.. | 35 | 51 | 58 | 47 | 52 | — | 59 | 3 | 4 | 6 | 17 | 19 | 10 | — | — | — | — | | |
| V. Developmental.. | 21 | 24 | 17 | 26 | 33 | — | 49 | 14 | — | — | — | — | 16 | 19 | — | — | — | | |
| VI. Local | 129 | 109 | 134 | 118 | 135 | — | 139 | 21 | 19 | 13 | 22 | 26 | 35 | 3 | — | — | — | | |
| VII. Violence | 19 | 22 | 17 | 18 | 23 | — | 9 | — | 1 | 1 | 3 | 3 | 1 | — | — | — | — | | |
| VIII. Ill-defined and not specified causes | 19 | 19 | 21 | 12 | 11 | — | 18 | 11 | 1 | 1 | — | 4 | 1 | — | — | — | — | | |

* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.

Causes of Deaths registered in the Month of October, 1891.

| | Under One Year. | One Year and Above. | | Under One Year. | One Year and Above. | | Under One Year. | One Year and Above. |
|---|-----------------|---------------------|--|-----------------|---------------------|--|-----------------|---------------------|
| I. | | | Other constitutional diseases | — | 4 | Accidents of childbirth.... | — | 3 |
| Measles | — | — | V. | | | Diseases of locomotive system | — | 2 |
| Scarlet fever | — | — | Premature birth..... | 9 | — | Diseases of integumentary system..... | — | — |
| Relapsing fever | — | — | Cyanosis | 1 | — | | | |
| Influenza .. | 2 | 25 | Congenital defects..... | 4 | — | VII. | | |
| Whooping-cough | — | 2 | Old age | — | 35 | (Accident.) | | |
| Diphtheria | — | 9 | VI. | | | Fracture and contusion | — | 5 |
| Simple and ill-defined fever.. | — | 1 | Apoplexy | — | 8 | Gunshot wound | — | — |
| Enteric fever | — | 4 | Epilepsy | — | 2 | Cut, stab..... | — | — |
| Simple cholera | — | — | Convulsions | 7 | 2 | Burn and scald | — | — |
| Diarrhoea, dysentery..... | 3 | — | Other diseases of brain and nervous system | 1 | 18 | Poison | — | — |
| Remittent fever | — | — | Diseases of organs of special sense | — | — | Drowning | — | 1 |
| Venereal affections..... | — | — | Diseases of circulatory system | — | — | Suffocation | — | — |
| Erysipelas | — | — | Croup | — | 3 | Otherwise | — | — |
| Pyæmia and septicæmia | — | — | Bronchitis | 6 | 9 | (Homicide.) | | |
| Puerperal fever | — | 1 | Pneumonia | 3 | 21 | Murder and manslaughter.. | — | 1 |
| Other zymotic diseases | — | — | Pleurisy | — | 3 | (Suicide.) | | |
| II. | | | Other diseases of respiratory system..... | — | 1 | Gunshot wound..... | — | — |
| Thrush | — | — | Dentition | 2 | 1 | Cut, stab | — | — |
| Worms and other parasitical diseases | — | — | Quinsy, sore throat | — | — | Poison | — | — |
| III. | | | Enteritis | 1 | 1 | Drowning | — | 1 |
| Privation—want of breast milk | 1 | — | Peritonitis | — | 3 | Hanging | — | 1 |
| Alcoholism | — | 2 | Diseases of liver..... | — | 3 | Otherwise | — | — |
| IV. | | | Other diseases of digestive system..... | 1 | 7 | VIII. | | |
| Rheumatic fever and rheumatism of heart | — | 1 | Diseases of lymphatic systems and of ductless glands | — | 1 | Dropsy | — | 3 |
| Rheumatism | — | 1 | Diseases of urinary system | — | 6 | Debility, atrophy, inanition | 10 | 2 |
| Gout | — | — | Diseases of generative system | — | 1 | Mortification | — | — |
| Cancer, malignant disease | — | 18 | | | | Tumor | — | — |
| Tabes mesenterica | — | 1 | | | | Abscess | — | — |
| Tubercular meningitis | 2 | 1 | | | | Hæmorrhage | — | 2 |
| Phthisis | 1 | 28 | | | | Sudden, cause unascertained | — | — |
| Scrofula tuberculosis | — | 2 | | | | Other ill-defined and not specified causes | 1 | — |

Return of Births and Deaths registered in City of Adelaide in the Month of October, 1886-91.

| Years | 1886. | 1887. | 1888. | 1889. | 1890. | Average of Five Years. | 1891. | | | | | | | | | | Total for 1891. |
|--|--------|--------|--------|--------|--------|------------------------------|-----------|------------------|-------------------|--------------------|---------------------|---------------------|---------------------|--------------------|-------------|-------------------|--------------------------------------|
| Population, Jan. 1st | 37,730 | 35,680 | 36,219 | 36,400 | 37,189 | | 37,727 | | | | | | | | | | |
| Births | 144 | 105 | 96 | 69 | 118 | 106 | 109 | | | | | | | | | | 1,018 |
| Rate per cent..... | ·382 | ·294 | ·265 | ·190 | ·317 | — | ·289 | | | | | | | | | | |
| | | | | | | | All Ages. | Under 1 year. | 1 and under 6. | 5 and under 20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 and upwards. | Not stated. | Inquest cases. | Uncerti- fied causes of death. |
| <i>Deaths—</i> | | | | | | | | | | | | | | | | | |
| All causes | 53 | 63 | 49 | 61 | 71 | 59 | 79 | 10 | 4 | 7 | 18 | 24 | 13 | 3 | — | 4 | — |
| Rate per cent..... | ·140 | ·177 | ·135 | ·168 | ·191 | — | ·209 | — | — | — | — | — | — | — | — | — | — |
| <i>Diseases—</i> | | | | | | | | | | | | | | | | | |
| I. Specific Febrile or Zymotic .. | 4 | 5 | 2 | 3 | 9 | — | 11 | — | 1 | — | 5 | 4 | 1 | — | — | — | — |
| II. Parasitic | 1 | — | — | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| III. Dietic | — | 1 | — | — | — | — | 1 | — | — | — | — | — | 1 | — | — | — | — |
| IV. Constitutional .. | 8 | 17 | 17 | 17 | 15 | — | 16 | — | — | 1 | 5 | 8 | 2 | — | — | — | — |
| V. Developmental.. | 3 | 5 | 4 | 5 | 7 | — | 5 | 1 | — | — | — | — | 1 | 3 | — | — | — |
| VI. Local | 31 | 28 | 23 | 28 | 37 | — | 39 | 4 | 3 | 6 | 8 | 11 | 7 | — | — | — | — |
| VII. Violence | 4 | 6 | 2 | 2 | 3 | — | 1 | — | — | — | — | 1 | — | — | — | — | — |
| VIII. Ill-defined and not specified causes | 2 | 1 | 1 | 4 | — | — | 6 | 5 | — | — | — | — | 1 | — | — | — | — |

Causes of Deaths registered in the Month of October, 1891.

| | Under One Year. | One Year and Above. | | Under One Year. | One Year and Above. | | Under One Year. | One Year and Above. |
|--|-----------------------|---------------------------|---|-----------------------|---------------------------|---|-----------------------|---------------------------|
| I. | | | | | | | | |
| Measles | — | — | Scrofula tuberculosis | — | 1 | Accidents of childbirth | — | 1 |
| Scarlet fever | — | — | Other constitutional diseases | — | — | Diseases of locomotive system | — | — |
| Relapsing fever | — | — | | | | Diseases of integumentary system | — | — |
| Influenza | — | 7 | V. | | | | | |
| Whooping-cough | — | — | Premature birth | 1 | — | VII. (Accident.) | | |
| Diphtheria | — | 1 | Cyanosis | — | — | Fracture and contusion.... | — | — |
| Simple and ill-defined fever .. | — | — | Congenital defects | — | — | Gunshot wound | — | — |
| Enteric fever | — | 3 | Old age | — | 4 | Cut, stab | — | — |
| Simple cholera | — | — | VI. | | | | | |
| Diarrhoea, dysentery | — | — | Apoplexy | — | 2 | Burn and scald | — | — |
| Remittent fever | — | — | Epilepsy | — | — | Poison | — | — |
| Venereal affections | — | — | Convulsions | 3 | — | Drowning | — | — |
| Erysipelas | — | — | Other diseases of brain and nervous system | — | 8 | Suffocation | — | — |
| Pyæmia and septicæmia | — | — | Diseases of organs of special sense | — | — | Otherwise | — | — |
| Puerperal fever | — | — | Diseases of circulatory system | — | 5 | (Homicide.) | | |
| Other zymotic diseases | — | — | Croup | — | 1 | Murder and manslaughter.. | — | — |
| II. | | | | | | | | |
| Thrush | — | — | Bronchitis | 1 | 3 | (Suicide.) | | |
| Worms and other parasitical diseases | — | — | Pneumonia | — | 8 | Gunshot wound | — | — |
| III. | | | | | | | | |
| Privation—want of breast milk | — | — | Pleurisy | — | 1 | Cut, stab | — | — |
| Alcoholism | — | 1 | Other diseases of respiratory system | — | — | Poison | — | — |
| IV. | | | | | | | | |
| Rheumatic fever and rheuma- tism of heart | — | — | Dentition | — | — | Drowning | — | 1 |
| Rheumatism | — | — | Quinsy, sore throat | — | — | Hanging | — | — |
| Gout | — | — | Enteritis | — | — | Otherwise | — | — |
| Cancer, malignant disease .. | — | 8 | Peritonitis | — | — | VIII. | | |
| Tabes mesenterica | — | — | Diseases of liver | — | — | Dropsy | — | — |
| Tubercular meningitis | — | — | Other diseases of digestive system | — | 3 | Debility, atrophy, inanition | 5 | — |
| Phthisis | — | 7 | Diseases of lymphatic sys- tems and of ductless glands | — | — | Mortification | — | — |
| | | | Diseases of urinary system | — | 3 | Tumor | — | — |
| | | | Diseases of generative system | — | — | Abscess | — | — |
| | | | | | | Hæmorrhage | — | 1 |
| | | | | | | Sudden, cause unascertained | — | — |
| | | | | | | Other ill-defined and not specified causes | — | — |

Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of October, 1891.

| | Total. | Hindmarsh. | Gawler. | Grey. | Young. | Robe. | MacDonnell. |
|---|--------|------------|---------|-------|--------|-------|-------------|
| Area in acres | 3,632 | 573 | 659 | 552 | 718 | 480 | 650 |
| Estimated population January 1st | 37,727 | 6,136 | 6,671 | 7,664 | 8,952 | 3,610 | 4,694 |
| Persons to an acre | 10.4 | 10.7 | 10.1 | 13.9 | 12.5 | 7.5 | 7.2 |
| Births | 109 | 19 | 16 | 30 | 19 | 6 | 19 |
| Male | 62 | 11 | 9 | 17 | 12 | 2 | 11 |
| Female | 47 | 8 | 7 | 13 | 7 | 4 | 8 |
| Deaths | 60 | 12 | 6 | 13 | 16 | 5 | 8 |
| Male | 31 | 6 | 2 | 6 | 9 | 5 | 3 |
| Female | 29 | 6 | 4 | 7 | 7 | — | 5 |
| CLASSES. | | | | | | | |
| I. Specific Febrile or Zymotic Diseases | 9 | — | — | 2 | 4 | — | 3 |
| II. Parasitic Diseases | — | — | — | — | — | — | — |
| III. Dietic Diseases | 1 | — | 1 | — | — | — | — |
| IV. Constitutional Diseases | 13 | 2 | 1 | 3 | 3 | 2 | 2 |
| V. Developmental Diseases | 4 | — | — | 2 | 2 | — | — |
| VI. Local Diseases | 26 | 6 | 3 | 5 | 7 | 2 | 3 |
| VII. Violence | 1 | — | — | — | — | 1 | — |
| VIII. Ill-defined and not specified causes | 6 | 4 | 1 | 1 | — | — | — |
| Percentage of Deaths to population of each Ward | .159 | .196 | .090 | .170 | .179 | .139 | .170 |

Causes of Deaths registered in the Month of October, 1891.

| | Under One Year. | One Year and Above. | | Under One Year. | One Year and Above. | | Under One Year. | One Year and Above. |
|---|-----------------|---------------------|---|-----------------|---------------------|--|-----------------|---------------------|
| I. | | | Phthisis | — | 7 | Accidents of childbirth | — | 1 |
| Measles | — | — | Scrofula tuberculosis | — | — | Diseases of locomotive system | — | — |
| Scarlet fever | — | — | Other constitutional diseases. | — | — | Diseases of integumentary system | — | — |
| Relapsing fever | — | — | V. | | | | | |
| Influenza | — | 7 | Premature birth | 1 | — | VII. | | |
| Whooping-cough | — | — | Cyanosis | — | — | (Accident.) | | |
| Diphtheria | — | 1 | Congenital defects | — | — | Fracture and contusion | — | — |
| Simple and ill-defined fever .. | — | — | Old age | — | 3 | Gunshot wound | — | — |
| Enteric fever | — | 1 | VI. | | | Cut, stab | — | — |
| Simple cholera | — | — | Apoplexy | — | 2 | Burn and scald | — | — |
| Diarrhoea, dysentery | — | — | Epilepsy | — | — | Poison | — | — |
| Remittent fever | — | — | Convulsions | 3 | — | Drowning | — | — |
| Veneral affections | — | — | Other diseases of brain and nervous system | — | 2 | Suffocation | — | — |
| Erysipelas | — | — | Diseases of organs of special sense | — | — | Otherwise | — | — |
| Pyæmia and septicæmia | — | — | Diseases of circulatory system | — | 5 | (Homicide.) | | |
| Puerperal fever | — | — | Croup | — | 1 | Murder and manslaughter .. | — | — |
| Other zymotic diseases | — | — | Bronchitis | 1 | 2 | (Suicide.) | | |
| II. | | | Pneumonia .. | — | 5 | Gunshot wound | — | — |
| Thrush | — | — | Pleurisy | — | — | Cut, stab | — | — |
| Worms and other parasitical diseases | — | — | Other diseases of respiratory system | — | — | Poison | — | — |
| III. | | | Dentition | — | — | Drowning | — | 1 |
| Privation — Want of breast milk | — | — | Quinsy, sore throat .. | — | — | Hanging | — | — |
| Alcoholism | — | 1 | Enteritis | — | — | Otherwise | — | — |
| IV. | | | Peritonitis | — | — | VIII. | | |
| Rheumatic fever and rheumatism of heart | — | — | Diseases of liver | — | — | Dropsy | — | — |
| Rheumatism | — | — | Other diseases of digestive system | — | 2 | Debility, atrophy, inanition | 5 | — |
| Gout | — | — | Diseases of lymphatic systems and of ductless glands | — | — | Mortification | — | — |
| Cancer, malignant disease .. | — | 6 | Diseases of urinary system .. | — | 2 | Tumor | — | — |
| Tabes mesenterica | — | — | Diseases of generative system | — | — | Abscess | — | — |
| Tubercular meningitis | — | — | | | | Hæmorrhage | — | 1 |
| | | | | | | Sudden, cause unascertained. | — | — |
| | | | | | | Other ill-defined and not specified causes | — | — |

G. H. AYLIFFE, Registrar-General of Births and Deaths.

OCTOBER, 1891.

The highest temperature in the shade at the Adelaide Observatory during the month was $93^{\circ}5$ on the 25th ; and the lowest, $37^{\circ}6$, on the 15th. The mean temperature of the month was $61^{\circ}8$.

The greatest range of the thermometer in one day, $30^{\circ}7$, took place on the 26th, viz., from a maximum of $85^{\circ}1$ to a minimum of $54^{\circ}4$; the lowest range, $12^{\circ}9$, on the 10th.

The mean height of the barometer was 29.884 inches; the maximum, 30.207 inches, occurred on the 5th ; and the minimum, 29.478 inches, on the 29th.

Observatory, Adelaide, November 6th, 1891.

C. TODD, Observer.